

## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No. 033042-001

As a below named inventor, I hereby declare that:

METTIOD		DIAMENTO DEAL MODIDO	DIECTS TO DICITAL ODI	COTTO
MEINUD	AND SISIEM FC	R LINKING REAL WORLD O	BIECIS TO DIGITAL OBJ	C15
the	specification of wh	ich (check only one item below)	:	
- vc/3	•			
ng mar e n	is attached heret	o.		
	was filed as Uni	ted States application		
, the state of the				
& TRADEMAN		)01		
	and was amende	d	•	
	on		(if applicable).	
Ш	was mod as i o	Γ international application		
	Number	·		
	on	•	· · · · · · · · · · · · · · · · · · ·	·
	and was amende			
	and was amende	_	(if applicable).	
amended by I acknowled Title 37, Co	one that I have review any amendment rege the duty to disclude of Federal Regu	wed and understand the contents ferred to above.  lose to the Office all information lations, §1.56.	of the above-identified speci-	fication, including the claims to patentability as defined in
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or	one that I have review any amendment rege the duty to disclude of Federal Regum foreign priority tentor's certificate as of America listed any PCT internation	wed and understand the contents ferred to above.  ose to the Office all information	of the above-identified specification (s) designating at least below any foreign application to least one country other than	to patentability as defined in any foreign application(s) for one country other than the n(s) for patent or inventor's the United States of America
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me	one that I have review any amendment re ge the duty to disclude of Federal Regular foreign priority entor's certificate s of America listed any PCT internation the same subject	wed and understand the contents ferred to above.  lose to the Office all information lations, §1.56.  benefits under Title 35, United to of any PCT international apple below and have also identified lonal application(s) designating a	known to me to be material states Code, §119 (a)-(e) of a cation(s) designating at least below any foreign application t least one country other than are that of the application(s) of the cation(s) of the cation of the application of the app	to patentability as defined in any foreign application(s) for one country other than the h(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in any foreign application(s) for one country other than the h(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:
I acknowled Title 37, Co I hereby claipatent or inv United State certificate or filed by me	one that I have review any amendment rege the duty to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject	wed and understand the contents ferred to above.  ose to the Office all information dations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to onal application(s) designating at matter having a filing date before	known to me to be material states Code, §119 (a)-(e) of a cation(s) designating at least below any foreign application t least one country other than are that of the application(s) of the cation(s) of the cation of the application of the app	to patentability as defined in any foreign application(s) for one country other than the a(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119
I acknowled Title 37, Co I hereby claipatent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in any foreign application(s) for cone country other than the n(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No
I acknowled Title 37, Co I hereby claipatent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in any foreign application(s) for one country other than the a(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No _ Yes _ No
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in any foreign application(s) for one country other than the n(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No _ Yes _ No _ Yes _ No _ Yes _ No
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in  any foreign application(s) for one country other than the a(s) for patent or inventor's a the United States of America of which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No _ Yes _ No
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me	one that I have review any amendment ready amendment ready to disclude of Federal Regular foreign priority tentor's certificate as of America listed any PCT internation the same subject the same subject that the s	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a ication(s) designating at least below any foreign application at least one country other than the that of the application(s) of the country other than the that of the application(s) of the country other than the that of the application of	to patentability as defined in any foreign application(s) for one country other than the n(s) for patent or inventor's a the United States of Americal which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No _ Yes _ No _ Yes _ No _ Yes _ No
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me  PRIOR FOF  Co (if PCT, i	one that I have review any amendment reany amendment rege the duty to disclude of Federal Regularization for eign priority rentor's certificate any PCT internation the same subject EIGN/PCT APPLICUNTRY indicate "PCT")	wed and understand the contents ferred to above.  lose to the Office all information plations, §1.56.  benefits under Title 35, United to or of any PCT international application and have also identified below and have also identified to all application(s) designating at matter having a filing date before the content of	known to me to be material  States Code, §119 (a)-(e) of a cation(s) designating at least below any foreign application to least one country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application (s) of the country of	to patentability as defined in any foreign application(s) for one country other than the a(s) for patent or inventor's a the United States of America of which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No
amended by I acknowled Title 37, Co I hereby clai patent or inv United State certificate or filed by me  PRIOR FOF  (if PCT, i	one that I have review any amendment reany amendment rege the duty to disclude of Federal Regularization for eign priority rentor's certificate any PCT internation the same subject EIGN/PCT APPLICUNTRY indicate "PCT")	wed and understand the contents ferred to above.  ose to the Office all information lations, §1.56.  benefits under Title 35, United to or of any PCT international application on a polication of application of application of application of application of the policy and have also identified to onal application of a policy of the policy o	known to me to be material  States Code, §119 (a)-(e) of a cation(s) designating at least below any foreign application to least one country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application(s) of the country other than one that of the application (s) of the country of	to patentability as defined in any foreign application(s) for one country other than the a(s) for patent or inventor's a the United States of America of which priority is claimed:  J.S.C. §119:  PRIORITY CLAIMED UNDER 35 U.S.C. §119  _ Yes _ No



## C@MBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

033042-001

U.S. APPLICATIONS				STATUS (check one)			
U.S. APPLICATION NUMBER		U.S. FILING DATE	PATENTED	PENDING	ABANDONE		
		,					
PCT A	APPLICATIONS DESIGNATING	3 THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)					
		·					

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis Robert S. Swecker Platon N. Mandros Benton S. Duffett, Jr. Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan E. Kopecki Regis E. Slutter Samuel C. Miller, III Robert G. Mukai	17,337 19,885 22,124 22,030 22,716 24,970 26,003 25,813 26,999 27,360 28,531	Eric H. Weisblatt James W. Peterson Teresa Stanek Rea Robert E. Krebs William C. Rowland T. Gene Dillahunty Patrick C. Keane B. Jefferson Boggs, Jr. William H. Benz Peter K. Skiff Richard J. McGrath	30,505 26,057 30,427 25,885 30,888 25,423 32,858 32,344 25,952 31,917 29,195 32,814	Bruce T. Wieder Todd R. Walters Ronni S. Jillions Harold R. Brown III Allen R. Baum Steven M. duBois Brian P. O'Shaughnessy Kenneth B. Leffler Fred W. Hathaway Wendi L. Weinstein Mary Ann Dillahunty	33,815 34,040 31,979 36,341 36,086 35,023 32,747 36,075 32,236 34,456 34,576
George A. Hovanec, Jr. James A. LaBarre E. Joseph Gess R. Danny Huntington	28,223 28,632 28,510 27,903	Matthew L. Schneider Michael G. Savage Gerald F. Swiss Charles F. Wieland III	32,596 30,113 33,096	21839	

and:

Address all correspondence to:

21839

James A. LaBarre, Esquire

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

Address all telephone calls to: Mark R. Kresloff at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D) (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.

033042-001

	<u> </u>	·	·
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	<u> </u>	DATE )
James D. Grady	the state of	uch -	6/5/01
RESIDENCE		CITIZENSHIP	
,		l /	
Palo Alto, California, 94306-3038, U.S.A.		U.S.A.	
POST OFFICE ADDRESS			
3182 Middlefield Road, Palo Alto, California, 94306-3038, U.S.A.		/	
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	, 1.//	DATE/
•	(Day-6.6	1/1/	5/21/2001
Gregory L. Whittemore	175.00	OTIZENSHIP	77/2001
RESIDENCE		GILZENSHIP	. /
San Jose, California, 95124, U.S.A.		U.S.A.	
POST OFFICE ADDRESS			
14590 Homerite Drive, San Jose, California, 95124, U.S.A.			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE ()		DATE
	hizal	^	4/10/2001
Pratik D. Wadher	- TWECK		
RESIDENCE	•	CITIZENSHIP	P.W.
Sunnyvale, California, 94086, U.S.A.		HISTA KE	NYAN
POST OFFICE ADDRESS			
	•		
1246 Henderson Avenue #3, Sunnyvale, California, 94086, U.S.A.			T = 1 = = =
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE	5 R	DATE
Mark Painter		a (	<i>4/11/01</i>
RESIDENCE		CITIZENSHIP	
Enoment Colifornia 04520 II S A		U.S.A.	•
Fremont, California, 94539, U.S.A. POST OFFICE ADDRESS		U.S.A.	
POST OFFICE ADDRESS			
885 San Carlos Court, Fremont, California, 94539, U.S.A.			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE	PP	DATE
Melanie Starr Bleyler	MelaneXI	Le- (1-	4-11-01
RESIDENCE	r. Ec amar.	CITIZENSHIP	
,			
San Jose, California, 95125, U.S.A.		U.S.A.	
POST OFFICE ADDRESS			·
925 McBride Loop, San Jose, California, 95125, U.S.A.			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE	$\mathcal{C}$	DATE
Kurt A. Shaver	West a	\/eever	4-11-01
RESIDENCE	TREE C	CITIZENSHIP	
San Jose, California, 95125, U.S.A.		U.S.A.	
POST OFFICE ADDRESS			
2360 West Gate Avenue, San Jose, California, 95125, U.S.A.			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE	<u>-</u>	DATE
,,,,,,,,,,			
promprion		CITIZENICITO	L
RESIDENCE	•	CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
POLE NAME OF EIGHTH JOINT INVENTOR, IF ANT	Siervar etc.		22
	<u>                                     </u>		<u> </u>
RESIDENCE		CITIZENSHIP	
·		l .	
POST OFFICE ADDRESS		<u> </u>	